**ALGORITHM AND FLOWCHART FOR FINDING SECOND LARGEST NUMBER**

**ALGORITHM:**

**Step 1 - Start**

**Step 2 − Declare and read the number of elements.**

**Step 3 − Declare and read the array size at runtime.**

**Step 4 − Input the array elements.**

**Step 5 − Arrange numbers in descending order.**

**Step 6−Find the second largest number by using an index.**

**Step 7 − Print the second largest number.**

**Step 8 – Stop**

**start**

**Stop**

Print Second Largest Number

Set Second Largest to Number

Set Second Largest to Largest

Set Largest to Number

If

Number > Largest

Set largest and second largest number to infinity

Set Array Size and Values